

# RBAY17M/480/8CPT4



The ultra-economy RBAY17 high bay is offered in 3 sizes with field-adjustable wattage and CCT to give you 9 SKUs in 1.

Color: White

Weight: 9.9 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	154.3-256.7W

## LED Info

Watts	260/220/160W
Color Temp	Field Adjustable 3500/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	24,918-40,003 lm
Efficacy	147.3-168.8 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
260W/220W/160W (factory default 260W)  
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

### Compliance

#### UL Listed:

Suitable for damp locations

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### IP Rating:

IP20

#### DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### LED Characteristics

#### LEDs:

Long-life, high-efficiency, discrete, surface-mount LEDs

#### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

#### Wattage Equivalency:

Equivalent to 750W Metal Halide

### Electrical

#### Driver:

260W: Constant Current, Class 1, 480V, 50/60Hz, 480V: 0.54A  
220W: Constant Current, Class 1, 480V, 50/60Hz, 480V: 0.46A  
160W: Constant Current, Class 1, 480V, 50/60Hz, 480V: 0.33A

### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### THD:

3.56% at 480V

#### Power Factor:

96.65% at 480V - 96.65% at 480V

#### Surge Protection:

L-N: 10 kV  
L/N-GND: 6 kV

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

#### Maximum Ambient Temperature:

Max Power Temp Rating: 122°F ( 50°C)  
Middle Power Temp Rating: 57°C (135°F)  
Low Power Temp Rating: 63°C (145°F)

#### Lens:

Polycarbonate lens

#### Reflector:

Polycarbonate



## Technical Specifications (continued)

### Housing:

Die-cast aluminum

### Cord & Plug:

8 ft cord and NEMA 7-15P plug for 277V only

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## Installation

### Mounting:

Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

## Sensor Settings

### Remote Control Accessory:

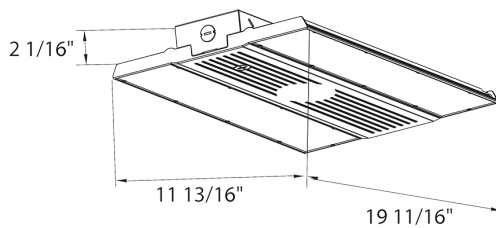
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

## Other

### 5-Year Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, limited warranty



## Ordering Matrix

Family	Size/Wattage	Color Temp	Mounting	Finish	Driver	Options
RBAY17	M				/480	/8CPT4
	<b>SHO</b> = 14" (130/100/80W) <b>M</b> = 20" (260/220/160W) <b>MHO</b> = 20" (260/220/160W) <b>L</b> = 30" (400/320/260W) <b>S</b> = 14" (130/100/80W)	<b>Blank</b> = 3500/4000/5000K <b>Blank</b> = 4000/5000K	<b>Blank</b> = V-Hook/Chain	<b>Blank</b> = White	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>/E/8CPT4</b> = Battery Backup w/8' Cord & 480V Plug <b>/E/8CP2</b> = Battery Backup w/8' Cord & 277V Plug <b>/E/8CP</b> = Battery Backup w/8' Cord & 120V Plug <b>/E/8C</b> = Battery Backup w/8' Cord <b>/8CPT4</b> = 8' Cord & 480V Plug <b>/8CP2</b> = 8' Cord & 277V Plug <b>/8CP</b> = 8' Cord & 120V Plug <b>/8C</b> = 8' Cord <b>/LCBS/E</b> = Lightcloud Blue w/PIR Sensor and Battery Back Up <b>/LCBS</b> = Lightcloud Blue w/PIR Sensor <b>/E</b> = Battery Backup <sup>1</sup> <b>Blank</b> = No Option

<sup>1</sup> Available only for 120-277V models